

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) An LED, comprising:

a first nitride gallium layer;

a first electrode provided at one portion of and above the first nitride gallium layer;

an active layer provided above the first nitride gallium layer;

a second nitride gallium layer provided above the active layer; and

a plurality of transparent electrodes formed above the second nitride gallium layer,

wherein at least one of the plurality of transparent electrodes is electrically connected to, and is physically isolated from, another of the plurality of transparent electrodes.

~~first and second transparent electrodes separated from one another and provided above the second nitride gallium layer.~~

2. (Currently Amended) The LED according to claim 1, wherein the plurality of transparent electrodes~~first and second transparent electrodes~~ form parallel stripes.

3. (Cancelled)

4. (Original) The LED according to claim 1, further comprising:

a third nitride gallium layer formed above the second nitride gallium layer.

5. (Currently Amended) An LED having a first nitride gallium layer, an active layer, a second nitride gallium layer, a first electrode, and a second electrode above a sapphire substrate, the LED comprising:

a plurality of ~~separated~~ transparent electrodes respectively formed on the second nitride gallium layer, wherein at least one of the plurality of transparent electrodes is electrically connected to, and is physically isolated from, another of the plurality of transparent electrodes;
and

a plurality of connection units, each connection unit electrically connecting a respective one of the plurality of transparent electrodes with the second electrode.

6. (Original) The LED according to claim 5, wherein the first electrode is disposed along a circumference of an upper edge of the diode.

7. (Original) The LED according to claim 5, wherein the connection unit are metal films.

8. (Cancelled)

9. (Currently Amended) The LED according to claim 5, wherein edges of the plurality of ~~separate~~ transparent electrodes, ~~which are electrically connected with the connection units,~~ have the same thicknesses as the second electrode.

10-13. (Cancelled)

14. (Original) The LED according to claim 5, further comprising:
a third nitride gallium layer formed above the second nitride gallium layer.

15-17. (Cancelled)

18. (Currently Amended) An LED, comprising:
a substrate;
a first nitride gallium layer formed above the substrate;
an active layer formed above the second nitride gallium layer;
a second nitride gallium layer formed above the active layer;
a first electrode formed above the first nitride gallium layer;
a second electrode formed above the second nitride gallium layer;
a plurality of transparent electrodes ~~separated from one another and provided~~ formed
above the second nitride gallium layer, wherein at least one of the plurality of transparent
electrodes is electrically connected to, and is physically isolated from, another of the plurality of
transparent electrodes; and
a plurality of connection units, each connection unit connecting a respective one of the
plurality of transparent electrodes with the second electrode,
wherein the plurality of transparent electrodes are formed of different material from the
electrical connection units.

19. (Cancelled)

20. (Currently Amended) The LED according to claim 18, wherein the plurality of transparent electrodes ~~are provided~~ comprise at least three transparent electrodes.

21. (Previously Presented) The LED according to claim 18, wherein the plurality of transparent electrodes have stripe shapes.

22. (Currently Amended) The LED according to claim 1, further comprising:
a second electrode; and
a plurality of connection units, each connection unit electrically connecting a respective one of the ~~first and second~~ plurality of transparent electrodes with the second electrode.

23. (Currently Amended) The LED according to claim 1, further comprising:
a second electrode; and
a plurality of connection units, each connection unit electrically connecting a respective one of the ~~first and second~~ plurality of transparent electrodes with the second electrode,
wherein the plurality of connection units are formed of different material from the plurality of transparent electrodes.

24. (Previously Presented) The LED according to claim 5, wherein the plurality of connection units are formed of different material from the plurality of transparent electrodes.

25. (Currently Amended) The LED according to claim 1, further comprising:

a second electrode; and

a plurality of connection units, each connection unit directly connecting a respective one of the ~~first and second~~ plurality of transparent electrodes with the second electrode.

26. (Previously Presented) The LED according to claim 5, wherein the plurality of connection units directly connect the second electrode with a respective one of the plurality of transparent electrodes.

27. (Previously Presented) The LED according to claim 5, wherein the plurality of transparent electrodes, the second electrode and the plurality of connection units are formed directly on the second nitride gallium layer.

28. (Previously Presented) The LED according to claim 18, wherein the plurality of transparent electrodes, the second electrode and the plurality of connection units are formed directly on the second nitride gallium layer.